

PALMER
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	8.49	11	130	Male	4.84	6	124
Female	3.35	5	149	Female	3.90	4	NC*
Total	11.84	16	135	Total	8.74	10	114
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	2.63	2	NC*	Male	1.56	0	NC*
Female	2.35	4	NC*	Female	1.49	5	335 #+
Total	4.98	6	121	Total	3.05	5	164
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	0.54	0	NC*	Male	6.46	5	77
Female	50.16	50	100	Female	5.99	1	NC*
Total	50.69	50	99	Total	12.45	6	48
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	3.10	6	193	Male	5.20	3	NC*
				Female	2.67	2	NC*
				Total	7.87	5	64
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	21.37	27	126	Female	5.99	9	150
Female	21.70	12	55 #-				
Total	43.07	39	91				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	2.95	1	NC*	Male	3.15	4	NC*
Female	1.12	1	NC*	Female	3.54	2	NC*
Total	4.06	2	NC*	Total	6.69	6	90
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	1.26	0	NC*	Male	51.04	48	94
Female	1.00	1	NC*				
Total	2.26	1	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	4.72	6	127	Male	3.61	3	NC*
Female	2.96	2	NC*	Female	2.34	3	NC*
Total	7.67	8	104	Total	5.94	6	101
<u>Larynx</u>				<u>Testis</u>			
Male	2.82	10	355 ~+	Male	1.78	0	NC*

Female	0.81	2	NC*				
Total	3.63	12	331	^+			
<u>Leukemia</u>				<u>Thyroid</u>			
Male	3.55	4	NC*	Male	0.94	0	NC*
Female	2.79	3	NC*	Female	2.48	3	NC*
Total	6.34	7	110	Total	3.42	3	NC*
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>			
Male	1.63	5	306				
Female	0.73	1	NC*	Female	9.67	7	72
Total	2.36	6	254				
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>			
Male	26.72	25	94	Male	166.80	176	106
Female	20.82	25	120	Female	161.10	156	97
Total	47.54	50	105	Total	327.90	332	101

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels